FORN (REV	4 PTO-12 11-2000	390 (Modified) U.S. DEPART	F COMMERCE PATENT AND TRADEMARK OFFICE	ATTOR DOCKET NUMBER
			TO THE UNITED STATES	6236-16-DCL
		DESIGNATED/ELECT	ED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR
			NG UNDER 35 U.S.C. 371	10/088048
INTI	ERNA	TIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
	= OF	PCT/EP00/07981	August 16, 2000	September 18, 1999
		INVENTION  TREATMENT AGENT FOR	P THE PROLONG ATION OF THE W	· · ments susycite · sioner teliments/ · f o
		CTREATMENT AGENT FOI NTENANCE SYSTEMS	R THE PROLONGATION OF THE WA	ATER EXCHANGE INTERVALS
		NT(S) FOR DO/EO/US		
		R, Gunter		
Арр	licant	herewith submits to the United Str	ates Designated/Elected Office (DO/EO/US) th	ne following items and other information:
1.	×		items concerning a filing under 35 U.S.C. 371.	
2.			QUENT submission of items concerning a filing	
3.		This is an express request to beg	gin national examination procedures (35 U.S.C.	2. 371(f)). The submission must include itens (5),
	_	(6), (9) and (24) indicated below	v.	
4.			expiration of 19 months from the priority date	(Article 31).
5.	$\boxtimes$		dication as filed (35 U.S.C. 371 (c) (2))	
			uired only if not communicated by the Internat	tional Bureau).
			ad by the International Bureau.	
c	ıςη		application was filed in the United States Recei	
6.	×		of the International Application as filed (35 U.	.S.C. 371(c)(2)).
		<ul><li>a. ⊠ is attached hereto.</li><li>b. □ has been previously subsequently.</li></ul>	* **	
7.			bmitted under 35 U.S.C. 154(d)(4).	
٠.			e International Application under PCT Article	
-	•		quired only if not communicated by the Internated by the International Bureau.	itional Bureau).
	-		eed by the International Bureau.  owever, the time limit for making such amendn	manta has NOT avaisad
1		d.  have not been made and		nents has NO1 expired.
8.			of the amendments to the claims under PCT A	rticle 10 (35 11 S.C. 371(c)(3))
9.		An oath or declaration of the inve		There 17 (33 0.3.6. 371(6)(3)).
10.		An English language translation	of the annexes to the International Preliminary	Examination Report under PCT
		Article 36 (35 U.S.C. 371 (c)(5))	).	1 22
11.	×		minary Examination Report (PCT/IPEA/409).	
12.		A copy of the International Searc	:h Report (PCT/ISA/210).	
	ems 1	13 to 20 below concern document		
13.			ement under 37 CFR 1.97 and 1.98.	
14.			ording. A separate cover sheet in compliance v	with 37 CFR 3.28 and 3.31 is included.
5.		A FIRST preliminary amendmen		
6.		A SECOND or SUBSEQUENT	preliminary amendment.	!
7.		A substitute specification.		
8.		A change of power of attorney an		
9. 20.			e sequence listing in accordance with PCT Rule	
:0. !1.			international application under 35 U.S.C. 154(d	
:1. !2.	⋈		nguage translation of the international application	on under 35 U.S.C. 154(d)(4).
23.		Certificate of Mailing by Express Other items or information:	Mail	
	_	Other items of information.		

U.S. A	PPLICATIQ	N NO. JF KNOWN SEF	INTERNATIONAL AP			10.	•	DOCKET NUMBER -16-DCL	
24.	The f	ollowing fees are submitted:.	TOTAL	30,0,50				S PTO USE ONLY	
		AL FEE ( 37 CFR 1.492 (a) (1) -	(5)):				CALCULATION	S PIOUSE ONLY	
	Neither in	ternational preliminary examination hal search fee (37 CFR 1.445(a)(2)) ational Search Report not prepared	n fee (37 CFR 1.482) no paid to USPTO			\$1040.00			
☒	Internation USPTO by	nal preliminary examination fee (37 at International Search Report prepare	CFR 1.482) not paid to ared by the EPO or JPO			\$890.00			
	Internation but interna	nal preliminary examination fee (37 tional search fee (37 CFR 1.445(a)	CFR 1.482) not paid to (2)) paid to USPTO	USPTO	) 	\$740.00			
	Internation but all claim	nal preliminary examination fee (37 ms did not satisfy provisions of PC	CFR 1.482) paid to US T Article 33(1)-(4)	PTO		\$710.00			
	Internation and all cla	nal preliminary examination fee (37 ims satisfied provisions of PCT Art	CFR 1.482) paid to US	PTO 		\$100.00		T	
		ENTER APPROPRI	ATE BASIC FEE	E AM	OUN	NT =	\$890.00		
Surcha month	arge of \$130 s from the e	0.00 for furnishing the oath or declaratiest claimed priority date (37 C.	ration later than FR 1.492 (e)).	☐ 20	0	□ 30	\$0.00		
CL.	AIMS	NUMBER FILED	NUMBER EXTR	Α		RATE			
Total c	laims	10 - 20 =	0		х	\$18.00	\$0.00		
Indepe	ndent claim	1 - 3 =	0		х	\$84.00	\$0.00		
Multip	le Depende	nt Claims (check if applicable).					\$0.00		
			ABOVE CALCU			<b>VS</b> =	\$890.00		
	applicant cla educed by 1	aims small entity status. See 37 CF	R 1.27). The fees indicat	ted abov	e are		\$0.00		
		,		<b>SUB</b> 7	ro1	`AL =	\$890.00	,	
Proces months	sing fee of a	\$130.00 for furnishing the English arliest claimed priority date (37 Cl	translation later than FR 1.492 (f)).	□ 20	)	□ 30 +	\$0.00		
			TOTAL NATION	ONAI	FE	E =	\$890.00		
Fee for accomp	r recording panied by a	the enclosed assignment (37 CFR 1 n appropriate cover sheet (37 CFR	.21(h)). The assignmen 3.28, 3.31) (check if ap	t must b	ре е).		\$0.00		
			TOTAL FEES E	ENCL	OSI	E <b>D</b> =	\$890.00		
							Amount to be: refunded	\$	
							charged	\$	
a.		check in the amount of	to cover the ab						
b.	⊠ Ple A∈	ease charge my Deposit Account No duplicate copy of this sheet is enclo	o. <u>23-0450</u> in osed.	the amo	ount c	of\$89	0.00 to cover t	he above fees.	
c.		e Commissioner is hereby authoriz Deposit Account No. 23-0450				-	quired, or credit any	overpayment	
d.		es are to be charged to a credit card formation should not be included				•	•		
NOTE	: Where a	n appropriate time limit under 3°	7 CFR 1.494 or 1.495 h	as not l	een-i	net, a periti			
		ust be filed and granted to restor	e the application to pe	naing s	tatus.	)(			
SEND	ALL CORI	RESPONDENCE TO:	<del></del>				m >		
	yl C. Little ier-Lambei	t Company			SIG	NATURE	·		
201 Tabor Road				Darryl C. Little					
viorr	is Plains, N	J U/93U			NA				
	Telephone: 973-385-4401				40,703				
Facsi	Facsimile: 973-385-3117			REGISTRATION			N NUMBER		
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CERTIFICATE			<u>-1-W/M-2</u>
CERTIFICATE OF I Applicant(s): Gunter Ri	DUCKEL NO.		
Topinouni(o). Guiner 14.			6236-16-DCL
Serial No.	Filing Date	Examiner	Group Art Unit
Not yet assigned	Not yet assigned	Not yet assigned	Not yet assigned
vention: WATER TR	EATMENT AGENT FOR THE I	PROLONGATION OF THE WATE	R EXCHANGE
TERVALS IN MAINTE			
I hereby certify that this	Trans. Ltr. to the U.S. Design	ated/Elected Office filing under 35 U	.S.C. 371
		(Identify type of correspondence)	
is being deposited with	the United States Postal Service	ce "Express Mail Post Office to Add	dressee" service under
37 CFR 1.10 in an en	velone addressed to: The Com	missioner of Patents and Tradema	rka Maahinatan D.C.
or or it in an en	r t	missioner of Faterits and Tradema	irks, wasnington, D.C.
20231-0001 on	3/11/02		
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